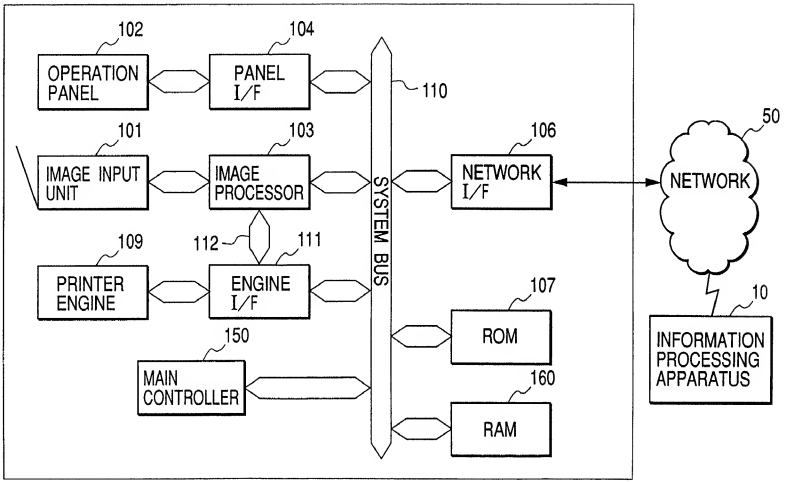
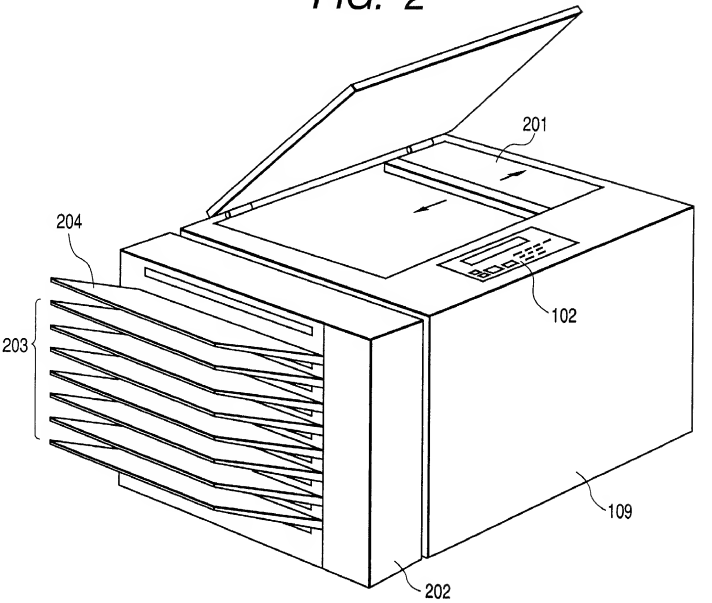
TOSOTT' DTZS8669

FIG. 1



T030TT'0TZ58660

FIG. 2



09985710.110601

FIG. 3

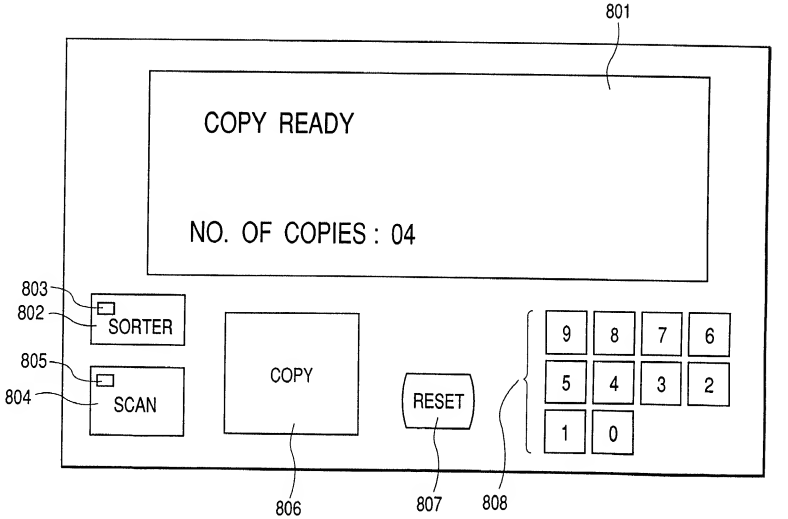


FIG. 4

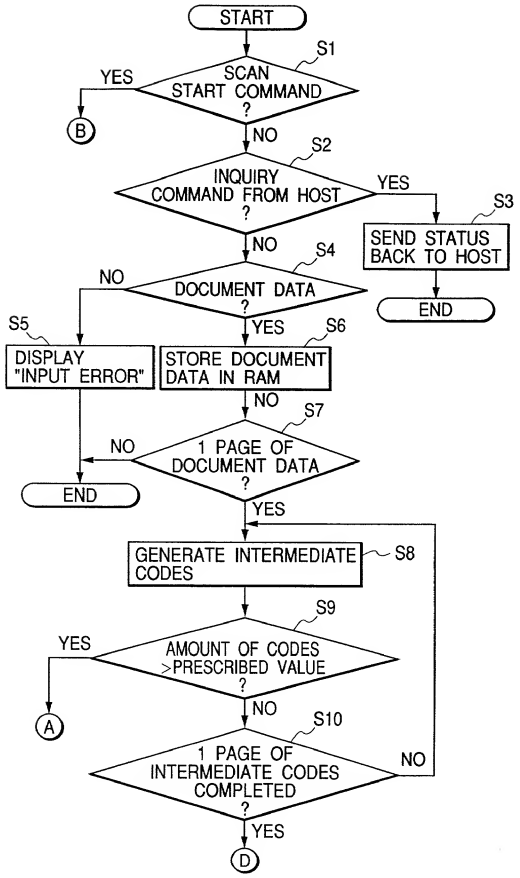
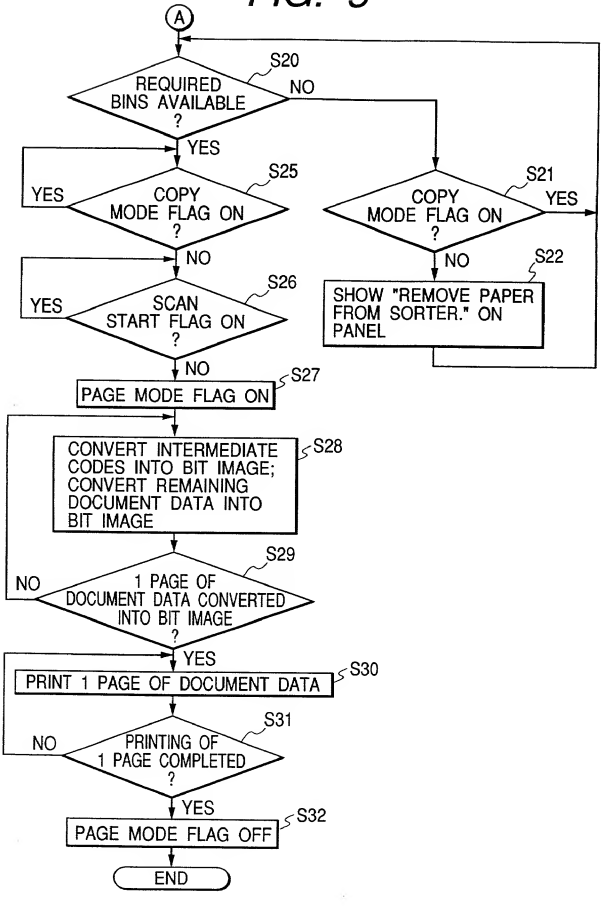

START
S1
SCAN START COMMAND ?
YES
B
NO
S2
INQUIRY COMMAND FROM HOST ?
YES
S3
SEND STATUS BACK TO HOST
END
NO
S4
DOCUMENT DATA ?
NO
S5
DISPLAY "INPUT ERROR"
END
YES
S6
STORE DOCUMENT DATA IN RAM
NO
S7
1 PAGE OF DOCUMENT DATA ?
NO
YES
GENERATE INTERMEDIATE CODES
S8
S9
AMOUNT OF CODES >PRESCRIBED VALUE ?
YES
A
NO
S10
1 PAGE OF INTERMEDIATE CODES COMPLETED ?
NO
YES
D

FIG. 5


A
S20
REQUIRED BINS AVAILABLE ?
NO
YES
S25
COPY MODE FLAG ON ?
YES
NO
S26
SCAN START FLAG ON ?
YES
NO
S21
COPY MODE FLAG ON ?
YES
NO
S22
SHOW "REMOVE PAPER FROM SORTER." ON PANEL
S27
PAGE MODE FLAG ON
S28
CONVERT INTERMEDIATE CODES INTO BIT IMAGE; CONVERT REMAINING DOCUMENT DATA INTO BIT IMAGE
S29
1 PAGE OF DOCUMENT DATA CONVERTED INTO BIT IMAGE ?
NO
YES
S30
PRINT 1 PAGE OF DOCUMENT DATA
S31
PRINTING OF 1 PAGE COMPLETED ?
NO
YES
S32
PAGE MODE FLAG OFF
END

0595410 110501

FIG. 6

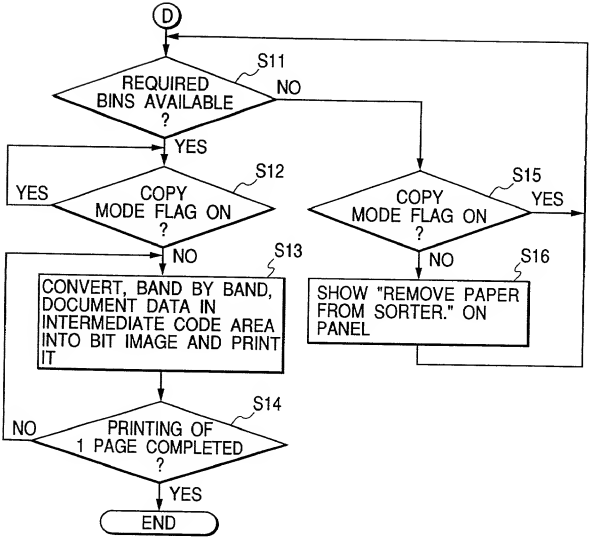
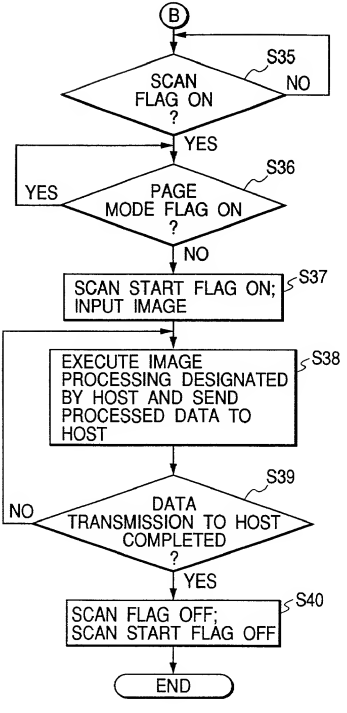


FIG. 7


B
S35
SCAN FLAG ON ?
NO
YES
S36
YES
PAGE MODE FLAG ON ?
NO
SCAN START FLAG ON; INPUT IMAGE
S37
EXECUTE IMAGE PROCESSING DESIGNATED BY HOST AND SEND PROCESSED DATA TO HOST
S38
S39
NO
DATA TRANSMISSION TO HOST COMPLETED ?
YES
SCAN FLAG OFF; SCAN START FLAG OFF
S40
END

0995710-110601

FIG. 8

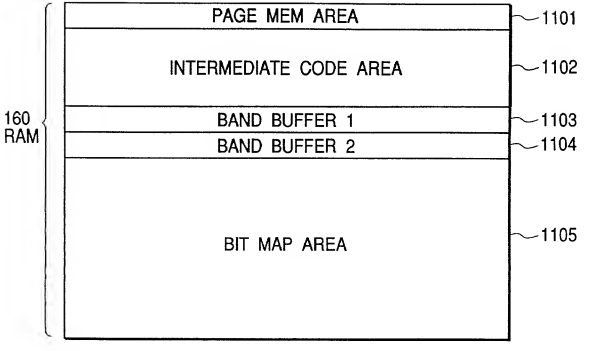


FIG. 9A

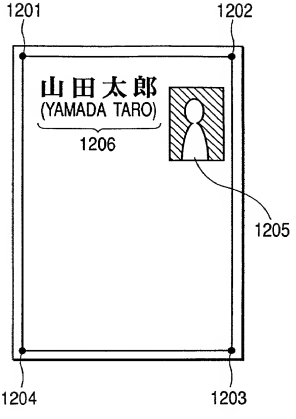
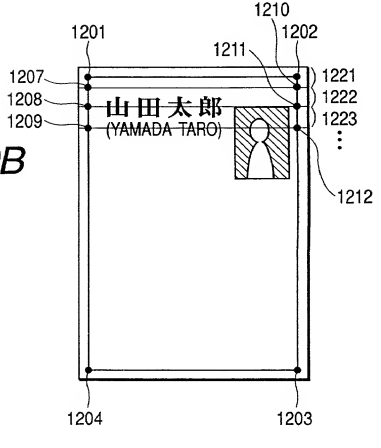

1201
1202
山田太郎
(YAMADA TARO)
1206
1205
1204
1203

FIG. 9B


1210
1201
1202
1211
1207
1208
1209
山田太郎
(YAMADA TARO)
1221
1222
1223
1212
1204
1203

0998570.110501

FIG. 10

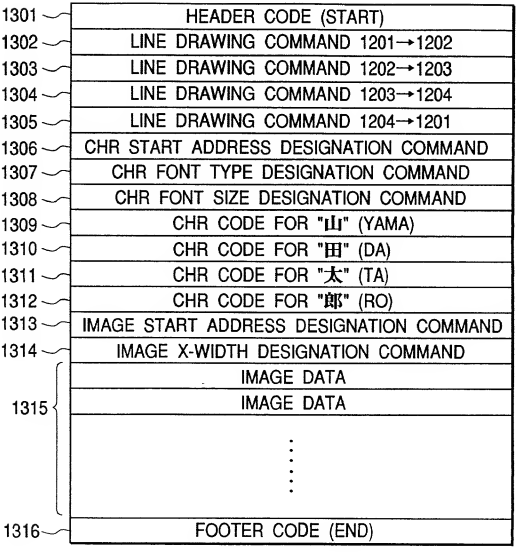
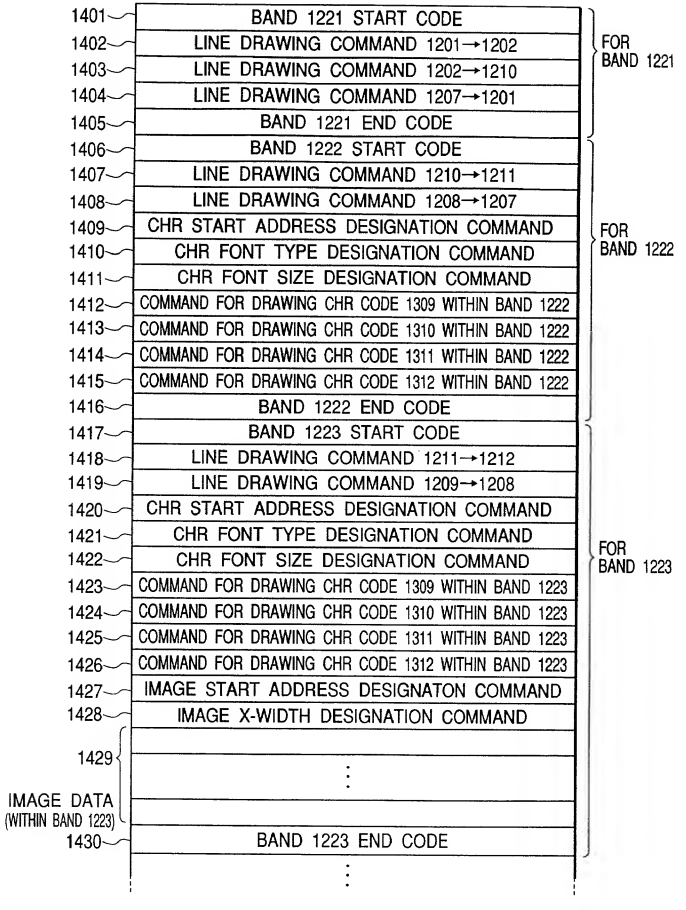


FIG. 11



TOSHIBA-0158660

EP0858210A1

FIG. 12

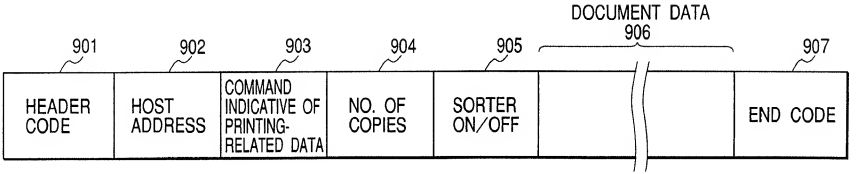


FIG. 13

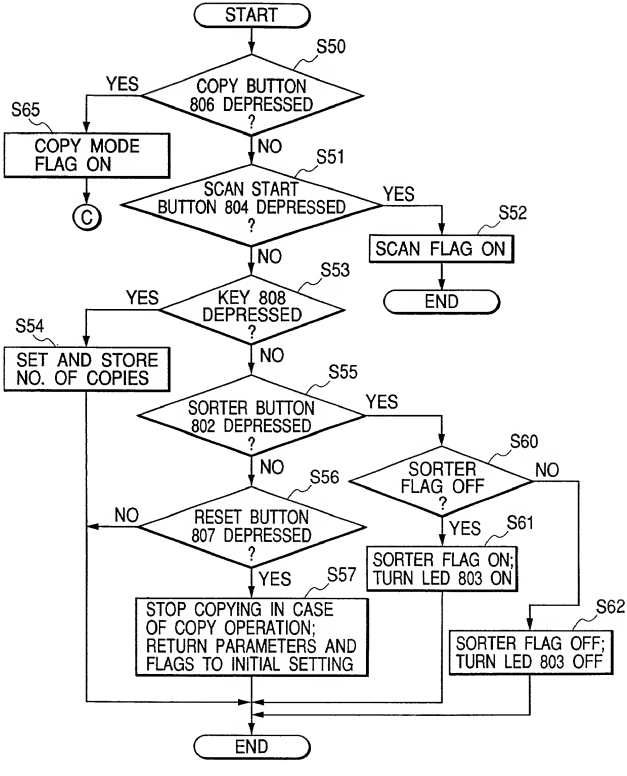

START
S50
COPY BUTTON 806 DEPRESSED ?
YES
S65
COPY MODE FLAG ON
NO
S51
SCAN START BUTTON 804 DEPRESSED ?
YES
S52
SCAN FLAG ON
END
NO
S53
KEY 808 DEPRESSED ?
YES
S54
SET AND STORE NO. OF COPIES
NO
S55
SORTER BUTTON 802 DEPRESSED ?
YES
S60
SORTER FLAG OFF ?
NO
YES
S61
SORTER FLAG ON; TURN LED 803 ON
NO
S56
RESET BUTTON 807 DEPRESSED ?
YES
S57
STOP COPYING IN CASE OF COPY OPERATION; RETURN PARAMETERS AND FLAGS TO INITIAL SETTING
S62
SORTER FLAG OFF; TURN LED 803 OFF
END

FIG. 14

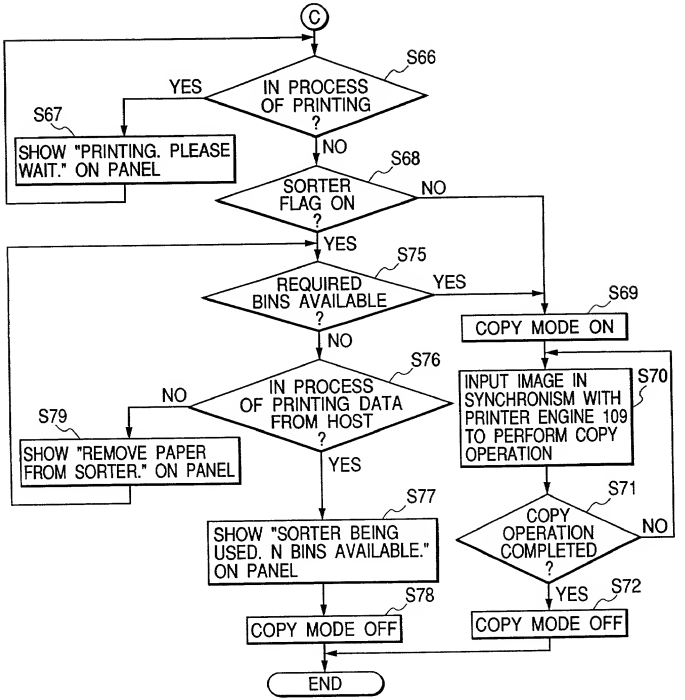
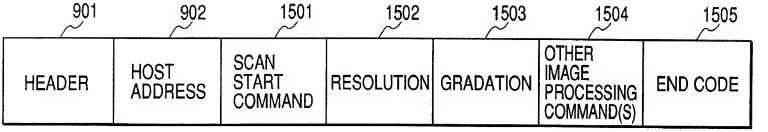

C
S66
IN PROCESS OF PRINTING ?
YES
S67
SHOW "PRINTING. PLEASE WAIT." ON PANEL
NO
S68
SORTER FLAG ON ?
NO
YES
S75
REQUIRED BINS AVAILABLE ?
YES
S69
COPY MODE ON
NO
S76
IN PROCESS OF PRINTING DATA FROM HOST ?
NO
S79
SHOW "REMOVE PAPER FROM SORTER." ON PANEL
YES
S77
SHOW "SORTER BEING USED. N BINS AVAILABLE." ON PANEL
S78
COPY MODE OFF
INPUT IMAGE IN SYNCHRONISM WITH PRINTER ENGINE 109 TO PERFORM COPY OPERATION
S70
S71
COPY OPERATION COMPLETED ?
NO
YES
S72
COPY MODE OFF
END

FIG. 15


901
902
1501
1502
1503
1504
1505
HEADER
HOST ADDRESS
SCAN START COMMAND
RESOLUTION
GRADATION
OTHER IMAGE PROCESSING COMMAND(S)
END CODE

09858730.110601

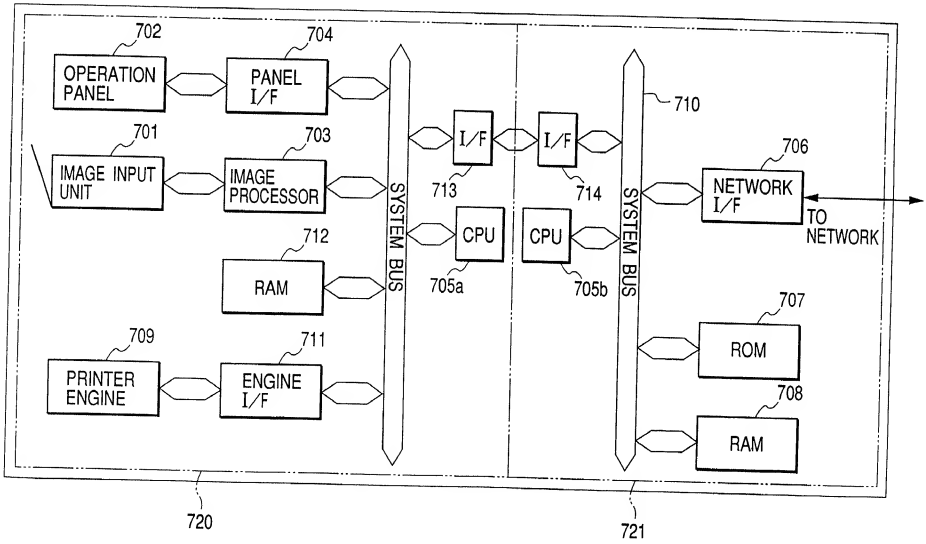



FIG. 16